



VANCOUVER SENATE

MINUTES OF 18 APRIL 2018

Attendance

Present: Dr S. Ono (Chair), Dr K. Ross (Secretary), Dr P. Adebar, Mr T. Ahmed, Dr R. Boushel, Dr V. Bungay, Dr L. Burr, Ms P. Chan, Dr A. Collier, Dean M. Coughtrie, Dean C. Dauvergne, Mr B. Fischer, Dr A. Fisher, Dr S. Forwell, Dean B. Frank, Mr J. Gattinger, Dr J. Gilbert, Dr C. Godwin, Chancellor L. Gordon, Ms K. Gourlay, Dr S. Grayston, Dr P. Harrison, Mr M. Holmes, Prof. C. Jaeger, Dr A. Kindler, Dr M. Koehoorn, Dr C. Krebs, Dr M. Kuus, Mr M. Leuprecht, Mr H. Leong, Dr. K. Lo, Dr P. Loewen, Dr D. MacDonald, Ms A. MacDougall, Dean M. MacDougall, Mr K. Madill, Ms J. Malone, Dr S. Matsui, Dr W. McKee, Mr B. McNulty, Dr P. Meehan, Dean J. Olson, Mr N. Pang, Ms S. Parker, Dean S. Peacock, Mr Q. Salehmohamed, Dr T. Schneider, Dr J. Shepherd, Prof. A. Sheppard, Mr M. Stewart, Dr L. Stothers, Dr A. Szeri, Ms A. Tanner, Dr R. Tees, Dr M. Thachuk, Dr S. Thorne, Dr M. Upadhyaya, Ms H. Xiao, Dr R. Yada

Regrets: Dean G. Averill, Dr H. Brock, Dr G. Faulkner, Dr. Greenman, Mr Q. Golsteyn, Dr V. Griess, Dean R. Helsley, Dean J. Innes, Dr M. Isaacson, Dr A. Ivanov, Dean D. Kelleher, Dr C. Marshall, Ms S. Ngo, Dean S. Peacock, Dr R. Topping

Clerk: Mr C. Eaton

Call to Order

The Chair of Senate, Dr Santa J. Ono, called the eighth regular meeting of the Vancouver Senate for the 2017/2018 Academic Year to order at 6:05 pm.

Senate Membership

NEW MEMBERS

The Registrar announced the newly elected and returning student members of Senate for the term from 1 April 2018 to 31 March 2019:

Applied Science
Mr Quentin Golsteyn

Arts
Mr Matthias Leuprecht



Commerce and Business Administration
Mrs Priscilla Chan

Dentistry
Mr Austin Chen

Forestry
Ms Danika Coulbourn (Continuing until Replaced)

Graduate and Postdoctoral Studies
Ms Amber Shilling (Continuing)
Ms Alexa Tanner

Land and Food Systems
Ms Ainsley MacDougall

Allard School of Law
Mr. Alex Starr

Medicine
Mr. Qadeem Salehmohamed (Continuing until replaced)

Pharmaceutical Sciences
Mr Nick Pang

Science
Ms Katie Gourlay

Members at-large:

Mr Jakob Gattinger - Faculty of Applied Science (Continuing)
Ms Marium Hamid – Faculty of Arts (Continuing)
Mr Max Holmes - Faculty of Arts (Continuing)
Ms Jeanie Malone – Faculty of Graduate & Postdoctoral Studies
Ms Hannah Xiao – Faculty of Science

NOMINATING COMMITTEE

The Registrar issued a call for nominations for two (2) student members of Senate to serve on the Senate Nominating Committee until 31 March 2019 and thereafter until replaced.

Minutes of 28 February 2018

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| Richard Tees | } | <i>That the Minutes of the Meeting of 28 February 2018 be adopted as corrected.</i> |
| Anthony Sheppard | | |



*Corrections:
C. Krebs not K. Krebs*

Approved

Business Arising from the Minutes

STRATEGIC PLAN RATIFICATION

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| Susan Forwell | } | <i>That Senate ratify the changes to the Strategic Plan.</i> |
| Anthony Sheppard | | |

Senator Leuprecht asked for data on students who take courses on indigeneity or sustainability.

The President agreed to have this information presented at a future meeting of Senate.

Senator Malone asked when the subsidiary strategic plans, in particular the Indigenous Strategic Plan, would be brought forward to the Senate and Board.

The President replied that we were not certain when that would be completed but we would bring it forward to the Senates and Board when available.

Senator Gattinger noted that there were several versions of the strategic plan seen; he asked which versions were the most update to date as there were some variants.

The President replied that the Board document for the PowerPoint was prioritized and bundled information together that was in different locations in the formal documents. To be responsive to the requests made at a Joint Board/Senate meeting, the power point was tabled to highlight key information in the plan.

Approved

Remarks from the Chair

The President thanked the Senate for its valuable input into and endorsement of the strategic plan.

Dr Ono noted the launch of UBC Connects speaker series with Jeremy Rifkin having been the first speaker. A talk tomorrow will be with Waneek Horn-Miller and in the fall UBC will welcome Michio Kaku and Isabel Allende.

Dr Ono announced the appointment of three new Canada 150 Research Chairs – Judith Mank, Josef Penninger and Azim Shariff. Doctor Mank, will be the Canada 150 Research Chair in



Evolutionary Genomics. Dr. Penninger will be the Canada 150 Research Chair in Functional Genetics and director of the Life Sciences Institute. Dr. Shariff will be the Canada 150 Research Chair in Moral Psychology. They join Dr. Margo Seltzer, whose appointment as the Canada 150 Research Chair in Computer Systems and the Cheriton Family Chair in Computer Science was announced in December.

The President reminded Senate of the opening of the UBC Life building – formerly the Student Union Building – which will provide a home to student support and student development services currently dispersed throughout campus, as well as integrated wellness and recreation services.

Dr Ono noted the installation of bilingual street signs for nine major streets around campus in English and Halkomelem: the language of the Musqueam people. The signs were conceived and designed in partnership with the Musqueam community who provided the new names. Further, Dr Ono noted that on 9 April 2019, UBC officially opened the Indian Residential School History and Dialogue Centre and he delivered an apology on behalf of UBC for the University's role in the residential school system.

Tributes Committee

The Chair of the Senate Tributes Committee, Dr Sally Thorne, presented.

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| Sally Thorne | } | <i>That Senate approve the Memorial Minutes for Dr. Finlay Morrison and Dr. Gordon Selman, that they be entered into the Minutes of Senate and copies be sent to the family of the deceased.</i> |
| Shephard | | |

DR. FINLAY MORRISON

Finlay Angus Morrison was born in 1917 in Stornoway, Saskatchewan. After completing high school, Dr. Morrison served as an apprentice pharmacist in Regina and Belcarra, Saskatchewan, before enrolling in the University of Saskatchewan, where he earned his Diploma in Pharmacy. While at the University of Saskatchewan, Dr. Morrison was enrolled in the Canadian Officer Training Corps as an Officer Cadet, and upon his graduation in 1942, attended officer's training school in Gordonhead, British Columbia, and completed basic training in Manitoba. In June of 1943, he was deployed to Europe and posted to the South Saskatchewan Regiment as a platoon commander. Dr. Morrison was later posted to Canadian Army Headquarters outside of London, where he spent the remainder of the war as an aide to Canadian Army Commander, General H.D.G. Crerar. After the war, Dr. Morrison accompanied General Crerar on a cross-country tour of army units and military hospitals throughout Canada.

Following his discharge from the army in 1946, Dr. Morrison returned to Saskatchewan where he practiced pharmacy briefly, before returning to the University of Saskatchewan, where he



completed his Bachelor of Science in Pharmacy in 1947. Following his graduation, Dr. Morrison accepted an appointment in the newly-formed Faculty of Pharmacy at UBC. He would spend the next 35 years at UBC, eventually achieving the rank of Professor of Pharmaceutics.

Dr. Morrison was a leading figure in both academic and professional pharmacy in British Columbia throughout his career. He held important leadership roles within the Faculty of Pharmacy, including Associate Dean, and Acting Dean. Dr. Morrison was involved in the drafting of the BC Pharmacists Act in 1974, and served as Registrar of the College of Pharmacists of BC from 1956-57, and President of the College from 1973-74. Dr. Morrison also served terms as President of the Pharmacy Examining Board of Canada, and as President of the Association of Faculties of Pharmacy of Canada.

To his family and friends, the Senate and the University of British Columbia offers their condolences and thanks.

GORDON SELMAN

Gordon Selman was a leading figure in the field of adult education in Canada. Born in Vancouver in 1927, he completed his undergraduate studies at UBC in 1949, and the teacher training program in 1951.

In 1954, Professor Selman returned to UBC to work as the supervisor of citizenship and evening classes in the University's Extension Department. He would continue to work in the Extension Department as a programmer and administrator until 1965. During this period, Professor Selman completed his MA in History, which he had begun 14 years earlier concurrently with the teacher education program. His thesis focused on the history of extension learning at UBC.

In 1965, Professor Selman briefly left the Extension Department, accepting a position as Executive Assistant to the President of UBC, and Secretary to the Board of Governors, but returned to the Extension Department as its Director little more than a year later. He led the Extension Department in this role until 1974, when he was appointed a Professor in the Faculty of Education where he remained until his retirement in 1992.

Over the course of his career, Professor Selman wrote extensively on the subject of adult education, including co-authoring *The Foundations of Adult Education*, which remains a key text in the field of adult education. In addition to his professional and academic work,

Professor Selman took on leadership roles in a number of organizations, including the Vanier Institute of the Family, the Vancouver Branch of the United Nations Association of Canada, the Canadian Association for Adult Education, the Open Learning Agency, and the Carold Institute. In recognition of his contributions, he was awarded honorary degrees from Open University and St. Francis Xavier University.

To his family and friends, the Senate and the University of British Columbia offers their condolences and thanks.



Approved

Reports from the Provost

RAPID TRANSIT UPDATE

The Provost introduced Associate Vice-President Michael White, who with permission of Senate presented an update on potential plans for rapid transit access to campus.

Senator Ahmed noted that in January 2008 the Premier and Transport minister announced a similar initiative for a \$2.8B dollar line to UBC by 2020. The Premier at the time said that the Province of British Columbia would cover the costs. The NDP critic at the time supported the initiative. He encouraged UBC to hold government to the commitments made.

Senator Krebs asked how financing would work with increased housing development and what would happen if revenues from housing declined.

Mr White said that we asked consultants to do sensitivity testing with variable returns and we used conservative numbers for leaseholds as a buffer in any significant decline.

Senator Krebs asked if going into significant debt could compromise academic funding.

Mr White said that we would look for external financing to mitigate that risk. A Public-Private Partnership is not an option for this line as it would be an extension of a public line thus it would have to be financed through government mechanisms.

STADIUM ROAD NEIGHBORHOOD PLAN

Mr White was joined by Ms Joanne Proft and Mr Gerry McGeough from Campus and Community Planning. They outlined three possible scenarios for this neighborhood with different approaches to the same overall density.

Senator Stothers asked if any of the garden spaces will be used for food production, and if this could be used for the farm or as academic space for LFS.

Mr White asked for advice on how to make this of and for UBC, noting two sets of issues – we cannot continue to have our neighborhoods just be bedroom communities, we need to have complexity; but we also want to have the academy involved. With rapid transit possibilities we are also hoping this could be an academic hub.

Senator Harrison asked what the feedback was from the Botanical Gardens on the various options. Secondly, he suggested that the proximity of the stadium with one tower already has led to friction. How has that been taken into account with further development around a stadium?



Ms Proft said that we have been working for several years with the botanical gardens. We want to benefit the gardens and have it define the neighborhood.

Dr Ono added that light pollution not just noise was a concern about the stadium. He asked if that had been considered.

Ms Proft said that we would consider that further under technical testing. The baseball stadium has recently added significant lighting so we are keeping that in mind.

Mr McGeough said that with the stadium, noise, lighting, and crowd disbursement for a stadium were considered. Moving the stadium to east mall aids with crowds.

Senator Burr asked what the population will be and if there would be a school.

Ms Proft replied that the target population would be 3700 and that there is a new elementary school site at Wesbrook

Senator Collier noted that in Australia, stadiums tend to be decommissioned when surrounded by residential experience. Secondly, she asked about canyoning effect on adjacent buildings by high-rises.

Mr McGeough noted that the stadium is used 8 times a year for football. It was designed for 5000 people. In considering the stadium, we do look to good neighbor agreements. Secondly, the more we make the stadium a community facility, the more it becomes a shared space. With regards to canyoning, we are doing testing including shadow studies. Part of that is seeing the impact of the taller buildings.

Senator Holmes noted that we looked at going from 22 to 33 stories but with 3 instead of 5 and consistent square footage. Have we looked at increasing that?

Mr McGough said no we have not and we've heard about a stress point from the community. We are more aggressive here for density than Wesbrook was.

Senator Tees asked how we would select a scenario.

Mr McGeough said that in September we expected to have further analysis that would help us making a decision. He noted that this would be an art more than a science.

Dr Tees asked to what extent were we considering how well existing housing was doing, noting concerns with past developments.

Mr McGeough said that with UBC Properties Trust, we are developing guidelines for faculty/staff housing to learn about both livability and affordability. We can do a lot to learn for how to do non-market better. For the market housing it's more a matter of what



the marketplace wants to build: developers lease the land for 99 years and tailor that to what they think will sell.

Mr White added that we have gone through an evolution in our neighborhood planning from Hampton Place to Wesbrook.

Senator Krebs asked if there was a plan to include social housing to be a good neighbor to the community.

Mr White said that we are adding faculty/staff housing but recently the idea of a regional solution was discussed further.

The Provost said that they recently updated our website to note that UBC had embarked on a pilot for 100 units on a rent geared to income for staff. There is a parallel program for staff.

Senator Kindler thanked Mr White et. all for the community engagement. She expressed her support for learning from past development experiences. With regards to potentially narrowing East Mall, even now the evening it is essentially a parking lot due to pick up and drop off. When Hawthorn was being built, there was an assumption that transit would be used, and so underground parking was limited and as a result, street parking is extremely difficult as human behavior did not match expectations.

Senator Stothers asked if the Vancouver Coastal Health Authority was consulted regarding health needs of a new population.

Mr White said that there is a variety of services and amenities we need to include in such a plan, such as childcare, open space, community centres etc. This tends to be done holistically across the campus.

Senator Sheppard noted the issue of noise caused by construction and asked if we had any control over contractors creating noise.

Mr White said yes, and we issued fines and stop work orders for contractors who do not comply. Complaints can be directed to the University Neighbourhoods Association or Campus Planning.

Senator Schneider noted that we are becoming more town-like and having to deal with more civic issues rather than just academic. He noted a previous debate if UBC should become a, or part of a, municipality. Will we move more towards municipal status with this growth?

Mr White said land development is to support academic operations. All profits are endowed for academic priorities. That is the fundamental around why we build. Around



governance, in the late 1990s the Province said UBC should continue as is but meet the same expectations around development that one would have for a municipality.

The President noted the envious position UBC was in for funding. He further noted that many people viewed him as the mayor.

Academic Policy Committee

Dr Paul Harrison, Chair of the Senate Academic Policy Committee, presented.

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| Paul Harrison | } | <i>That the Senates approve and recommend to the Board of Governors the following, to be effective July 1, 2018:</i> |
| Blye Frank | | |

That the Faculty of Education on the Okanagan Campus merge with the Faculty of Education on the Vancouver Campus to become one cross-campus Faculty of Education;

That the University establish an Okanagan Division and a Vancouver Division within the expanded Faculty of Education;

That pursuant to Section 3.1 of the University Act, the Board of Governors specify that the Okanagan Senate has responsibility for the Okanagan Division of the Faculty of Education;

That the University establish a School within the Okanagan Division of the Faculty of Education named the “Okanagan School of Education” and that all courses, programs, and faculty previously assigned to the Okanagan Faculty of Education be assigned to the newly established School; and,

That all remaining units, faculty, courses and programs previously assigned to the Vancouver Faculty of Education be assigned to the Vancouver Division of the UBC Faculty of Education.

Senator Harrison set out the nature of a school at UBC and the successful cross-campus example of the Faculty of Applied Science.



Dean Frank said that we often spoke of two campuses and one university, and this aided in that approach. He noted the order of magnitude difference in sizes between the two faculties. This would aid in faculty development, in research and teaching. Students will remain students of each campus. There will be an administrative leadership structure across the whole faculty. There is no mass movement of programs, students, or faculty expected.

The President advised that the Board was discussing system-wide revenues and how those can best be apportioned across both campuses.

Senator Leuprecht asked what leadership would be on the Okanagan campus.

Dean Frank replied that there would be a full time director on the Okanagan campus. There could be an associate dean one day. Once we decide on a merger we can further refine the structural and financial aspects. The faculty will act ethically and responsibly to both sites.

Senator Leuprecht asked why the Applied Science model was preferred over that of Medicine.

The Dean said that 34 months ago the Faculty of Education at Okanagan was asked to reconsider their future and they looked at many models. This was their preferred model as it gave them an appropriate degree of autonomy.

Dean Olson assured the Senate that the Applied Science model worked for Okanagan and Vancouver. There was further advantage of having two discrete curriculums for innovation and experimentation.

Approved

Agenda Committee

Mr Jakob Gattinger, Chair of the Senate Agenda Committee, presented for information. The Committee has heard the concerns made regarding timeliness of Senate materials and thus had directed the Secretary to more stringently apply the material submission deadlines.

Senator Kindler asked for assurance that we would consider extraordinary late requests.

Senator Gattinger assured Senator Kindler that the President could do so under existing Senate rules.

Awards Committee

The Chair of the Senate Awards Committee, Dr Lawrence Burr, presented.

See Appendix A: Awards Report



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| Lawrence Burr | } | <i>That Senate accept the awards as listed and forward them to the Board of Governors for approval; and that letters of thanks be sent to the donors.</i> |
| Loewen | | |

Dr Burr noted that these proposals provided \$78 000 in new student funding annually.

Approved

Curriculum Committee

The Vice-Chair of the Senate Curriculum Committee, Professor Carol Jaeger presented.

APRIL CURRICULUM PROPOSALS

See Appendix B: Curriculum Report

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| Carol Jaeger | } | <i>That the new course codes, new courses, new program, new specialisation, and new non-thesis option brought forward by the faculties of Applied Science, Arts, Graduate and Postdoctoral Studies, and Forestry be approved.</i> |
| Max Holmes | | |

Senator Jaeger noted that the proposal included a new proposed program from the Faculty of Applied Science.

With permission of Senate, Dr Pool spoke to the new specialization. He noted that manufacturing was a growing industry in Canada and there was strong demand for the field. We have spent the last two years developing the program and are pleased to bring it forward.

Approved

New Certificate for Information

Senator Jaeger informed Senate that under its delegated powers, the Curriculum Committee had approved a new certificate in Dechinta Community and Land-Based Research.

Reports from the Registrar

CONFIRMATION OF EMAIL CONSENT



Appendix C: Email Consent Awards Report

Dr Ross provided confirmation that no objections were received to the two motions distributed to all senators via email on 16 March 2018 by the deadline of 23 March 2018, and thus both resolutions were considered approved pursuant to rule 24 of the *Rules and Procedures of Senate*:

That Senate accept the awards as listed and forward them to the Board of Governors for approval; and that letters of thanks be sent to the donors.

That Senate appoint Dr Meika Koehoorn and Dr Theresa Rogers to the President's Advisory Committee for the Appointment of an Associate Vice-President Research and Innovation.

Adjournment

Seeing no other business, the meeting was adjourned at 7:58 pm.



Appendix A: Awards Report

New Awards:

Aho-Davis Undergraduate Prize in Geological Sciences

A \$3,800 prize has been made available through an endowment established by Gordon Davis to honour the memory of Dr. Aaro Aho, his mentor and partner in exploration in the Yukon Territory. Together with prospector Alan Kulan, they were responsible for the discovery and development of the Anvil Mine and subsequent successful exploration in the district. Aaro Aho and Gordon Davis were both graduates of Geological Engineering at UBC. The Aho-Davis Undergraduate Prize in Geological Sciences is the legacy of the Dr. Aaro Aho Foundation, which has granted \$330,000 in awards to UBC students since 1978. The prize rewards outstanding academic achievement and is available to an undergraduate student completing their final year in a BSc degree in Geological Sciences or Geophysics. Preference is given to a student with field experience and/or a focus on mineral exploration and/or geochemistry. The prize is made on the recommendation of the Department of Earth, Ocean and Atmospheric Sciences. (First award available in the 2018/19 winter session.)

Aho-Davis Undergraduate Transfer Scholarship in Geological Sciences

Scholarships totaling \$3,800 have been made available through an endowment established by Gordon Davis to honour the memory of Dr. Aaro Aho, his mentor and partner in exploration in the Yukon Territory. Together with prospector Alan Kulan, they were responsible for the discovery and development of the Anvil Mine and subsequent successful exploration in the district. Aaro Aho and Gordon Davis were both graduates of Geological Engineering at UBC. The Aho-Davis Undergraduate Transfer Scholarship in Geological Sciences is the successor to the Dr. Aaro Aho Foundation, which has granted \$330,000 in awards to UBC students since 1978. The scholarships are made available to students transferring into years two or three of a Bachelor of Science program in Geological Sciences from another Canadian post-secondary institution, with preference given to those with field experience or a focus on mineral exploration. The scholarships are made on the recommendation of the Department of Earth, Ocean and Atmospheric Sciences. (First award available in the 2018/19 winter session.)

Dr. Wilbert G. Bos Bursary in Physics

Bursaries totalling \$4,000 have been made available through an endowment established in memory of Dr. Wilbert G. Bos, and matched by The University of British Columbia, for undergraduate students in the Department of Physics who demonstrate financial need. Preference is given to students who have overcome adversity. The bursaries are adjudicated by Enrolment Services in consultation with Access and Diversity. (First Award Available 2018/2019 Winter Session).

Nini M. Harris-Lowe Bursary for Chronic Conditions and Disability

Bursaries totaling \$2,000 have been made available through an endowment established by Mr. Rick Lowe (B.Sc.1982) and matched by the University of British Columbia, in memory of his spouse, Mrs. Nina M. "Nini" Harris-Lowe, for students entering or pursuing any eligible degree program who cope with chronic pain, chronic conditions or illness, disabilities or any other



impairment that impacts their university studies. Recommendations are made by Enrolment Services in consultation with Access & Diversity. (First Award Available 2018/2019 Winter Session.)

Donald Malcolm Nicholson Bursary in Law

Bursaries totaling \$2,400 have been made available through an endowment established by Elizabeth Nicholson and Allan Nicholson in memory of their uncle, Donald Malcolm Nicholson (LLB 1949), along with matching funds from UBC. These bursaries are for JD students in the Peter A. Allard School of Law. Following the end of World War II, Donald returned to Canada and enrolled in Law at UBC. Upon graduation, he established his law practice in Haney (now Maple Ridge), where he provided a wide variety of legal services to people in the area. His law practice was both a career and a passion. The bursaries are adjudicated by Enrolment Service. (First award available in the 2018/19 winter session.)

David Podmore Bursary in Commerce

Bursaries totalling \$4,000 have been made available through an endowment established by Concert Properties to undergraduate students in the Bachelor of Commerce program at the Sauder School of Business, with preference given to students entering their third or fourth year. The award is in recognition of David Podmore's influential contributions to Concert Properties and the real estate community. David, who holds a bachelor's degree specializing in community planning from the University of British Columbia (1972) and a master's degree (Earth Sciences) specializing in urban planning from the University of Alberta, is the recipient of numerous community and professional awards, including the first Award of Excellence granted by the Real Estate Institute of BC. He has received the Queen Elizabeth II Diamond Jubilee Medal, and in 2014 was invested to the Order of British Columbia. The bursary is adjudicated by Enrolment Services. (First award available in the 2018/19 winter session.)

Gladys and Gerald Sankey Scholarship in Career Counselling

Scholarships totaling \$4,000 have been endowed by an estate gift from Dr. Gerald Sankey (1918-2016) and Mrs. Gladys Sankey (1920-2017). Dr. Sankey was a UBC graduate (B.A. 1943, B.Ed 1954 and M.A. 1959). The scholarships are awarded each year to outstanding master's or doctoral graduate students in the Counselling Psychology program in the Faculty of Education whose studies and career aspirations are focused on career counselling. The recipients will demonstrate potential for contributing to the well-being of students in secondary or post-secondary institutions addressing school-to-work transition issues. The scholarships are made on the recommendation of the Department of Educational and Counselling Psychology, and Special Education in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available 2018/19 winter session.)

Western Union Business Solutions Bursary

Bursaries totaling \$1,200 have been made available through an endowment established by Western Union Business Solutions to undergraduate students who demonstrate financial need. Western Union Business Solutions, a global leader in payment solutions for higher education institutions, has partnerships with over 600 universities, colleges and schools globally and has processed over 180,000 student payments across 200 countries and territories. The bursaries are adjudicated by Enrolment Services. (First award available in the 2018/2019 winter session.)

**Alumni UBC Blue & Gold Bursary**

Bursaries totalling \$4,000 have been made available through an endowment established in honour of alumni UBC's 100th anniversary, along with matching funds from the University of British Columbia, for undergraduate students who demonstrate financial need. The bursaries are adjudicated by Enrolment Services. (First Award Available in the 2018/2019 Winter Session.)

Brett Family Men's Volleyball Award

One or more awards, which may range from a minimum value of \$500 each to the maximum allowable under athletic association regulations, have been made available through an endowment established by Rob and Vicky Brett. These awards are offered to outstanding members of the UBC Thunderbirds Men's Volleyball Team in any year of study who are in good academic standing. Financial need may be considered. Awards are made on the recommendation of the Athletic Awards Committee. (First award available in the 2018/19 winter session.)

Dr. Michael Graham Clay Presidential Prize

A \$20,000 prize has been made available through an endowment established by Ms. Jennifer Clay and Mrs. Sarah McLeod, in memory of their father, Dr. Graham Clay (M.D. 1956), with matching funds from the University of British Columbia, to a fourth-year MD undergraduate student demonstrating outstanding ability in surgical studies and the promise of an exceptional career in surgery. This student will have been matched to a surgical residency. Dr. Clay had a fulfilling career as a surgeon, specializing in breast cancer treatment. He was highly regarded by his colleagues, students and patients alike. Dr. Clay helped develop the Screening Mammography Program of BC, was a Clinical Professor Emeritus at UBC and served as the Medical Director of the Clinical Practice Subunit of General Surgery at VGH. His legacy lives on in the patients he saved and the students he taught over his well-lived 85 years. In recognition of his incredible contributions to the medical field, this prestigious prize recognizes a medical student on the recommendation of the Faculty of Medicine and in consultation with the Department of Surgery. (First award available in the 2018/19 winter session.)

Robert and Evelyn McElhanney Bursary in Engineering

A \$2,000 bursary has been made available through an endowment established by the McElhanney family to a second-year undergraduate student enrolled in engineering in the Faculty of Applied Science at the Vancouver campus. This bursary was established in honour of Robert McElhanney (B.A.Sc. 1939) and Evelyn McElhanney (née Lawrence) (Vancouver General Hospital School of Nursing, R.N. 1949), who met in Vancouver and valued the importance of education. The bursary is adjudicated by Enrolment Services. (First award available in the 2018/19 winter session).

Robert and Evelyn McElhanney Bursary in Nursing

A \$2,000 bursary has been made available through an endowment established by the McElhanney family to a second-year undergraduate student enrolled in the nursing program in the Faculty of Applied Science at the Vancouver campus. This bursary was established in honour of Robert McElhanney (B.A.Sc. 1939) and Evelyn McElhanney (née Lawrence) (Vancouver General Hospital School of Nursing, R.N. 1949), who met in Vancouver and valued the importance of education. The bursary is adjudicated by Enrolment Services. (First award available in the 2018/19 winter session).

**Medicine Class of 1993 25th Reunion Bursary**

A \$2,000 bursary has been made available through an endowment established by the Medicine Class of 1993, along with matching funds from the University of British Columbia, on their 25th reunion, for a student in the MD undergraduate program. The bursary is adjudicated by Enrolment Services. (First award available in the 2018/19 winter session.)

Douglas C. Pryke Memorial Bursary

Bursaries totalling \$2,000 have been made available through an endowment established by Valerie Pryke, along with matching funds from the University of British Columbia, to First Nations, Inuit, or Métis students of Canada enrolled in any undergraduate program. Douglas C. Pryke graduated from UBC Chemical Engineering in 1973, embarking on a 40-year career in the pulp and paper industry. His expertise in the pulp bleaching process was known worldwide, supported by many published articles and with a focus on environmental concerns. He was the founding executive director of the Alliance for Environmental Technology and a fellow for the Technical Association of the Pulp and Paper Industry (TAPPI). Doug was known for his laughter and impeccable integrity, as well as his great love of music, golf and white-water canoeing. The bursary is adjudicated by Enrolment Services. (First award available in the 2018/19 winter session.)

Carolyn Shaw and Ivan Buzinski Bursary in Physical Therapy

Bursaries totalling \$2,400 have been made available through an endowment established by Carolyn Shaw (B.Sc., Physical Therapy 1993) and Ivan Buzinski (B.Sc., Physical Therapy 1993), along with matching funds from the University of British Columbia, to support one or more students enrolled in the Master of Physical Therapy program who demonstrate financial need. Both Ms. Shaw and Mr. Buzinski are registered physical therapists. The bursaries are adjudicated by Enrolment Services. (First award available in 2018/19 winter session.)

Anona Thorne and Takao Tanabe Graduate Entrance Scholarship in Mathematics

Entrance scholarships totalling \$2,500 are offered annually to students entering a graduate program in Mathematics. Anona Thorne (B.A. '91 Math; M.Sc. '93 Stats) is a double alumna of UBC and went on to an interesting career with the CIHR Canadian HIV Trials Network at Saint Paul's Hospital in Vancouver. Takao Tanabe, her husband, is a well-known Canadian painter. Financial need may be considered. This award is made on the recommendation of the Department of Mathematics in consultation with the Faculty of Graduate and Postdoctoral Studies.

Graduate Award in Population Health and Engineering

Awards totalling \$2,000 are offered annually by friends and family to honour and remember UBC faculty members in the disciplines of occupational & environmental health and mechanical engineering who dedicated their careers to training and mentoring students to use knowledge from different disciplines with the goal of improving work and community environments. This award is for graduate students enrolled in the School of Population and Public Health or the Department of Mechanical Engineering, who undertake multidisciplinary research or training activities that bridge health and engineering disciplines to improve work or community environments. The awards are made on the recommendation of the Faculty of Medicine in



collaboration with the Faculty of Applied Science and in consultation with the Faculty of Graduate and Postdoctoral Studies. (First Award Available in the 2018/2019 Winter Session.)

Ian Kinsey Bursary

A \$2,000 bursary has been made available annually, through an endowment established by Ian Kinsey and held at the University of Victoria, to support students in the Island Medical Program of the University of British Columbia who are in their second year of study. The bursary is adjudicated by Enrolment Services. (First award available in the 2018/2019 winter session.)

Special University Entrance Scholarship

Scholarships of up to \$2,000 are offered annually by the University of British Columbia to Canadian citizens or Permanent Residents of Canada entering university from secondary schools in Canada or abroad. Criteria for these scholarships include demonstrated academic and leadership achievements in the arts, community, athletics, and school. Preference is given to students who were offered the Outstanding International Student Award but now are no longer eligible for this scholarship as they have since obtained Canadian citizenship or Permanent Residency status. The awards are made on the recommendation of Enrolment Services. (First award available in the 2018/19 winter session.)

Special University Major Entrance Scholarship

Scholarships of up to \$3,000 over 4 years are offered annually by the University of British Columbia to Canadian citizens or Permanent Residents of Canada entering university from secondary schools in Canada or abroad. Criteria for these scholarships include demonstrated academic and leadership achievements in the arts, community, athletics, and school. Subject to continued scholarship standing, the scholarships will be renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). Preference is given to students who were offered the International Major Entrance Scholarship but are no longer eligible as they have since obtained Canadian citizenship or Permanent Residency status. The awards are made on the recommendation of Enrolment Services. (First award available in the 2018/19 winter session.)

Grace Torchy Stewart Adamson Memorial Bursary in Nursing

A \$1,000 bursary is offered annually by Dr. Janet Adamson in memory of her mother, Grace (Torchy) Stewart Adamson, who received her B.S.N from UBC in 1951, to support students in the Bachelor of Science in Nursing program. The bursary will not be awarded to more than one student from the same Province or Territory within a period of 3 years unless no other eligible students can be identified, with preference given to any of the following: students from rural communities; First Nations, Inuit or Métis students of Canada; and/or single parents. The bursary is adjudicated by Enrolment Services. (First award available in the 2018/2019 winter session.)

SUSTech Doctoral Scholarship

Up to twenty renewable scholarships, each valued at \$25,000 per year, are offered annually by the Southern University of Science and Technology (SUSTech) in China to outstanding PhD students in the Faculty of Applied Science. Renewal of scholarship funding is conditional upon recipients making satisfactory progress in their studies; funding will be renewed for a further three years of study or until completion of the PhD program requirements (whichever is the



shorter period). The awards are made on the recommendation of SUSTech and the Faculty of Applied Science, in consultation with the Faculty of Graduate and Postdoctoral Studies.

Bohemia Award in Theatre and Film

Two awards of \$5,000 each are offered annually by Jana Veverka (M.A. 1972 in Directing) and David Fischer (M.F.A. 1978 in Stage Design) to support Master of Fine Arts students in the Department of Theatre and Film. In recognition of David and Jana's careers in and passions for theatre and film, the awards will be offered to students who have achieved excellence in direction, design or production in theatre and/or film. Recommendations are made by the Department of Theatre and Film in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available in 2018/19 winter session.)

Glorisun Fellowship in Buddhist Studies

Fellowships totalling \$60,000 are offered annually by the GS Charity Foundation Limited, Hong Kong, for graduate students in the Faculty of Arts undertaking research on East Asian Buddhism. This award is open to graduate students who live in mainland China, Taiwan, Hong Kong, or Macau or who have lived in one of these regions for at least five years of the past ten years. Preference will be given to students researching Chinese Buddhism. The fellowships will be renewed for a further three years of study or until a graduate degree is completed, whichever is shorter. The fellowships are made on the recommendation of the Department of Asian Studies in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available in the 2018/19 winter session.)

Simons Graduate Award in Disarmament, Global and Human Security

Awards totalling up to \$30,000 are offered annually by The Simons Foundation Canada. The awards will support one or more full-time PhD students to work with the Simons Chair in Disarmament, Global and Human Security on research projects related to nuclear disarmament, or more broadly, global and human security. The awards are made on the recommendation of the UBC School of Public Policy and Global Affairs and the Simons Chair in Disarmament, Global and Human Security in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available in the 2018 Summer Session.)

Danny and Christina Smith Family UBC Football Award

One or more awards, which may range from a minimum value of \$500 each to the maximum allowable under athletic association guidelines, are offered to members of the UBC Thunderbird Football Team in any year of study, who have demonstrated excellent leadership skills and athletic ability and have maintained good academic standing. Preference will be given to graduates of high schools located on Vancouver Island. Financial need may be considered. Awards are made on the recommendation of the Athletics Awards Committee. (First available award in the 2018/19 winter session.)

Previously Approved Awards with Changes in Terms or Funding Source:

1286 – Normand M. Bouchard Memorial Bursary

Bursaries totalling \$4,750 have been made available through an endowment established by Mr. William and Mrs. Miyo Thornton-Trump in memory of their son, Normand Bouchard (1969-1995). Normand Bouchard was a long-time UBC Film Society Executive who graduated from UBC in 1995. The theatre at the UBC Student Union Building is named after Normand



Bouchard. The bursaries are for students in any year or faculty. The bursaries are for students enrolled in the Film Production program in the Department of Theatre and Film. The adjudication is made by Enrolment Services.

Rationale for Proposed Changes

This award was originally established in 1996 as an annual award and in 2015 a RRIF from the donor allowed us to endow it. Recent stewardship activity with the donor led us to revise the award description to better reflect the donor's original intent of having this award be given to a student in the Department of Theatre and Film. We are narrowing the bursary criteria to reflect the donor's original wishes and to reflect the original terms of reference of the endowment.

1834 – Chrysalis Dental Centre - Vancouver Award

A \$2,500 award is offered annually by Chrysalis Dental Centre - Vancouver to a third fourth year DMD student who demonstrates a special interest and excellence in the field of implantology. The award is made on the recommendation of the Faculty of Dentistry.

Rationale for Proposed Changes

The award description is being updated to reflect changes to the timing of curriculum.

4823 – Grace Torchy Stewart Adamson Memorial Scholarship in Nursing

A scholarship of \$7,950 has been endowed by family, friends, and colleagues in memory of Grace (Torchy) Stewart Adamson, who graduated from VGH School of Nursing (1950) and received a B.Sc.N. from UBC (1951). The award is offered to a student entering the master's program in Nursing, with preference given to those who are studying public health nursing or emergency nursing, and is based on academic achievement and practical experience. It is made on the recommendation of the School of Nursing in consultation with the Faculty of Graduate and Postdoctoral Studies.

Rationale for Proposed Changes

At the request of the award contact, Development and Alumni Engagement would like to update the award description to more closely align with the legacy of the award's namesake, Grace (Torchy) Stewart Adamson. The letters of the donor's degree were recorded incorrectly and are being revised.

5318 – Sandy Laird Service Award in Mining Engineering

Two awards of Awards totalling \$4,400 each have been made available through an endowment established by Sandy Laird, B.A.Sc., 1957 (Mining Engineer) to second and third year undergraduate students majoring in Mining Engineering in the Faculty of Applied Science. This award was originally conceived to inspire first year engineering students to pursue a career in These awards are intended for mining engineering leading to students who aspire to become industry leaders through careers in mine operations and management. Recipients have the opportunity to expand their understanding and knowledge of the industry that will to help them succeed in their professional career. Strong leadership abilities are critical to advancement in the mining industry; therefore, candidates must have demonstrated leadership through active



participation in extracurricular activities in high school, the community, the university and/or sports. The awards are made on the recommendation of the Department of Mining Engineering.

Rationale for Proposed Changes

At the request of the donor we are revising the description to apply to third-year students to broaden the candidate pool and allow students the opportunity to benefit from receiving the award for a second year.



Appendix B: Curriculum Report

FACULTY OF APPLIED SCIENCE

New program, new course code and new courses

B.A.Sc in Manufacturing Engineering;
MANU: Manufacturing Engineering;
MANU 230 (3) Manufacturing Engineering Laboratory;
MANU 261 (3) Thermodynamics;
MANU 265 (3) Machine Dynamics;
MANU 270 (3) Production Systems Management I;
MANU 330 (3) Manufacturing Engineering Project I;
MANU 370 (3) Production Systems Management II;
MANU 378 (3) Engineering Materials II;
MANU 380 (3) Manufacturing Processes I;
MANU 386 (3) Industrial Automation;
MANU 399 (1-6) d Special Topics in Manufacturing Engineering;
MANU 430 (6) Manufacturing Design Capstone Project;
MANU 455 (6) Factory Planning;
MANU 480 (3) Manufacturing Processes II;
MANU481 (3) Manufacturing Processes III;
MANU 485 (3) Metal Cutting and Machine Tool Vibrations;
MANU 487 (3) Machine and Part Metrology;
MANU 499 (1-6) d Special Topics in Manufacturing Engineering.

FACULTY OF ARTS

New course code and new courses

INLB: Indigenous Land-Based Studies;
INLB 201 (3-12) d Special Topics in Indigenous Land-based Studies;
INLB 210 (3-12) d Land and Indigenous Self-Determination: Introduction to Theoretical Perspectives;
INLB 220 (3-12) d Land and Indigenous Self-Determination: Introduction to Methods and Application;
INLB 250 (3-12) d Indigenous Knowledge, Science, and Environmental Justice;
INLB 251 (3-12) d Introduction to Indigenous Health, Wellness, and Self-determination;
INLB 252 (3-12) d Introduction to Gender Justice and Indigenous Communities;
INLB 310 (3-12) d Land and Indigenous Self-Determination: Advanced Theoretical Perspectives;
INLB 320 (3-12) d Land and Indigenous Self-Determination: Advanced Methods and Application;
INLB 401 (3-12) d Advanced Special Topics in Indigenous Land-Based Studies;
INLB 450 (3-12) d Decolonizing Science and the Politics of Sustainability;
INLB 451 (3-12) d Decolonizing Indigenous Health and Wellness;
INLB 452 (3-12) d Gender Justice and Indigenous Resurgence;
ACAM 390 (3/6) d Asian Migrations in a Global Context;



CHIN 465 (3) Fantasy in Chinese Literature;
CHIN 466 (3) Chinese Martial Arts Fiction;
CHIN 485 (3) Contemporary Chinese Fiction in Film;
CNRS 104 (3) Temples, Tombs, and Tyrants: The Archaeology of the Middle East, Greece, and Rome;
CNRS 206 (3) The Archaeology of Life and Death in the Roman Empire;
ENGL 393 (3-6) d Ecocriticism;
HIST 329 (3) Heroes, Rebels, Villains, Folks: The People Who Shaped Canada;
HIST 415 (3-12) d History of Vancouver;
LASO 309 (3) Against the Law; and
LASO 350 (3-12) d Topics in Law and Society.

FACULTY OF GRADUATE AND POSTDOCTORAL STUDIES

Arts

New course and new non-thesis option

GRSJ 511 (3) Difficult Knowledge: Ethics; Praxis of Research in Challenging Settings; and non-thesis option for M.A. in Music

Education

New courses

ETEC 523 (3) Mobile & Open Education; ETEC 524 (3) Learning Technologies: Selection, Design, and Application; and VRHC 513 (3) Case Management and Job Development Counselling.

Medicine

New courses and program revision

MPH: Master of Public Health; MEDI 520 (3) Advanced Topics in Visual Sciences and SPPH 553 (3) Foundations of Public Health Computing.

FACULTY OF FORESTRY

New course and specialization

HGSE 320 (1-12) d: Special Topics on Social-Ecological Systems in Indigenous Contexts.

Forest Sciences: General; and Forest Sciences: Honours.



Appendix C: Email Consent Awards Report

New Awards:

Piara Singh and Kartar Kaur Dhillon Memorial Education Abroad Award

Travel awards totalling \$3,000 have been endowed in memory of Piara Singh and Kartar Kaur Dhillon, by their two eldest children, Rashpal S. Dhillon and Rashpal K. Purewal, whose parents immigrated to Canada from Pundori Latha Singh, Punjab, India. The awards are to support the mobility of students between UBC and institutions in India. Financial need may be considered. The awards are made on the recommendation of Go Global. (First award available in the 2018/2019 winter session.)

Monarch Pediatric Dental Centre Achievement Award

A \$2,500 award is offered annually to a graduating Doctor of Dental Medicine student who possesses outstanding clinical skills and an interest in pediatric dentistry. The successful candidate will have demonstrated exceptional clinical skills in providing care for children. The award is made on the recommendation of the Faculty of Dentistry. (First award available in the 2017/18 winter session.)

Women in Engineering Entrance Scholarship

Entrance scholarships up to \$10,000 each are offered annually by the Faculty of Applied Science to female Canadian citizens or permanent residents of Canada entering an undergraduate engineering program directly from high school. Candidates must have demonstrated leadership through participation in extra-curricular or volunteer activities such as professional, school, social and community organizations or athletics. Preference will be given to residents of British Columbia. The awards are made on the recommendation of the Faculty of Applied Science. (First award available in the 2018/19 winter session.)

Previously Approved Awards with Changes in terms of funding source:

800 –George Kennedy Medal Prize in Global Resource Systems

A medal prize of \$500 is offered in recognition of George Kennedy's outstanding contribution to establishing international partnerships with UBC. He was the first Director of the Global Resource Systems Program and the main architect in creating the B.Sc. (Global Resource Systems) degree. The medal prize is awarded on the recommendation of the Faculty of Land and Food Systems to the student at the head of the graduating class in the B.Sc. (Global Resource Systems) degree.

Rationale for Proposed Changes

With the cost of the medal rising annually, the Faculty of Land and Food Systems would like to award a cash prize instead of a medal.

Weir-MacDiarmid Family Bursary in Medicine

Bursaries totalling \$4,000 have been made available through an endowment established by members of the Weir and MacDiarmid families, together with matching funds from the



University of British Columbia, for students who are Canadian citizens or permanent residents entering the MD program. The bursary celebrates family connections with UBC and the health care in BC of the following doctors: Dr. Ruth Weir, a MD 1984 graduate; Dr. Lorna Weir, BC Cancer agency radiation oncologist and UBC Clinical Professor; and Dr. Margaret MacDiarmid, family physician and formerly President of the BC Medical Association and BC Minister of Health. The bursaries are adjudicated by Enrolment Services. (First Award Available in the 2018/2019 Winter Session.)

Rationale for Proposed Changes

The donor has requested that the previously approved award description be revised.